

UNITED STATES DEPARTMENT OF AGRICULTURE

NATURAL RESOURCES CONSERVATION SERVICE

MLRA REGION 11

Indianapolis, Indiana 46278

**THIRD AMENDMENT
TO THE CLASSIFICATION AND
CORRELATION
OF THE SOILS OF
VERMILLION COUNTY, INDIANA
Decembers, 2001**

ment No. 3

ndment results from the digitizing of Vermillion County for SSURGO digital data
ment. The classifications have been updated to the Eighth Edition of Keys to Soil
y, 1998. Replace the existing classification table with the table below.

atures and Symbols Legend

Escarpment, bedrock	A relative continuous and steep slope or cliff produced by erosion or faulting breaking the general continuity of more gently sloping land surfaces. Exposed material is hard or soft bedrock
Escarpment, other	A relative continuous and steep slope or cliff produced by erosion, but can be produced by faulting breaking the continuity of more gently sloping land surfaces. If nonbedrock material is nonsoil or very shallow, it is developed soil.
Gravel pit	An open excavation from which soil and underlying material have been removed and used without replacement.

Rock outcrop	<u>water most of the year. Typically 0 to 1.4 acres</u> An exposure of bedrock at the surface of the earth used where the named soils of the surrounding map unit are shallow over <u>bedrock. Typically 0 to 3 acres.</u>
Sandy spot	Surface layer with sand content greater than 75 percent in areas where the surface layer of the named soils of the surrounding map unit have less than 25 percent sand. <u>Typically 0 to 3 acres.</u>
Severely eroded spot	An area where on the average 75 percent or more of the original surface layer has been lost from accelerated erosion. <u>Typically 0 to 3 acres.</u>
Short, steep slope	Narrow soil area that has slopes that are at least 2 drainage classes steeper than the slope class of the surrounding map unit.
Spoil area	Piles of earthy materials either smoothed or unevenly distributed resulting from human activity. <u>Typically 0 to 3 acres.</u>
Wet spot	Somewhat poorly drained to very poorly drained soil in at least 2 drainage classes wetter than the named soils of the surrounding map unit. <u>Typically 0 to 3 acres.</u>

CLASSIFICATION OF THE SOILS OF VERMILLION COUNTY, INDIANA

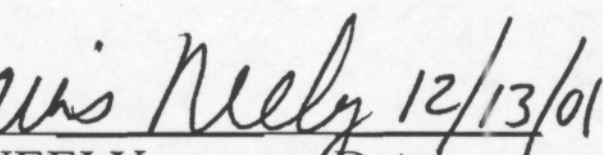
SOIL FAMILY (Keys to Soil Taxonomy, Eighth Edition, 1998)

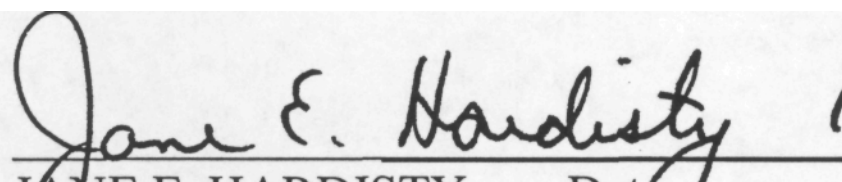
Arg	Fine-silty, mixed, superactive, mesic Ultic Hapludalfs
	Fine-silty, mixed, superactive, mesic Fluventic Hapludolls
	Fine-silty, mixed, superactive, mesic Oxyaquic Argiudolls
	Fine-loamy, mixed, superactive, mesic Fluvaquentic Eutrudepts
	Coarse-loamy, mixed, active, mesic Typic Argiudolls
	Fine-silty, mixed, superactive, mesic Aerie Epiaqualfs
	Fine, smectitic, mesic Aquic Argiudolls
	Fine-loamy over sandy or sandy-skeletal, mixed, superactive, mesic Typic Hapludalfs
	Fine-loamy, mixed, superactive, mesic Fluventic Eutrudepts

Fine-silty, mixed, superactive, mesic Aquic Argiudolls
 Fine-silty, mixed, superactive, mesic Aquic Hapludalfs
 Sandy-skeletal, mixed, mesic Typic Hapludolls
 Fine-silty, mixed, superactive, mesic Typic Hapludalfs
 Fine-silty, mixed, superactive, mesic Typic Hapludalfs
 Fine-silty, mixed, superactive, mesic Typic Endoaquolls
 Fine-loamy, mixed, active, mesic Aerie Endoaqualfs
 Loamy-skeletal, mixed, superactive, mesic Typic Argiudolls
 Fine-loamy, mixed, superactive, nonacid, mesic Fluvaquentic Endoaquolls
 Fine-loamy, mixed, active, mesic Aerie Endoaqualfs
 Fine-loamy, mixed, superactive, mesic Fluvaquentic Endoaquolls
 Fine-silty, mixed, superactive, mesic Aerie Endoaqualfs
 Coarse-loamy, mixed, superactive, calcareous, mesic Typic Udifluvents
 Fine-silty, mixed, superactive, mesic Typic Argiudolls
 Fine-loamy, mixed, active, mesic Typic Argiudolls
 Fine-loamy, mixed, superactive, mesic Typic Argiaquolls
 Fine-loamy, mixed, active, mesic Aerie Endoaqualfs
 Fine-silty, mixed, superactive, mesic Aquic Hapludalfs

Classification of Orthents was not updated to include the cation-exchange activity class. This classification was unchanged from the 1977 correlation. Additional field investigation will be required to assign a cation-exchange activity class to these soils.

Signatures and Date


 NEELY Date
 Scientist/MLRA Leader
 Indianis, Indiana


 JANE E. HARDISTY Date
 State Conservationist
 Indianapolis, Indiana